


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide

error and phase and test and cases and ratio


 Searching within **The ACM Digital Library** for: error and phase and test and cases and ratio (star)
 Found 3,259 of 250,316

REFINE YOUR SEARCH
[Search Results](#)
[Related Journals](#)
[Related Magazines](#)
[Related SI](#)

Results 1 - 20 of 3,259

 Sort by [relevance](#)
[Save results to a Binder](#)

Result page: 1 2 3 4 5

▼ Refine by Keywords

error and phase and te

Discovered Terms

▼ Refine by People

[Names](#)
[Institutions](#)
[Authors](#)
[Editors](#)
[Reviewers](#)

▼ Refine by Publications

[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Content Formats](#)
[Publishers](#)

▼ Refine by Conferences

[Conferences](#)
[Sponsors](#)
[Events](#)
[Proceeding Series](#)
ADVANCED SEARCH
[Advanced Search](#)
FEEDBACK
[Please provide us with feedback](#)

Found 3,259 of 250,316

- 1 **Seeing, hearing, and touching: putting it all together**
 Brian Fisher, Sidney Fels, Karon MacLean, Tamara Munzner, Ronald Rensin
 August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**
Publisher: ACM [Request Permissions](#)
Full text available: Pdf (20.64 MB) **Additional Information:** full citation, cited by
Bibliometrics: Downloads (6 Weeks): 465, Downloads (12 Months): 2138, Citi

- 2 **Scheduler-conscious synchronization**
 Leonidas J. Kontothanassis, Robert W. Wisniewski, Michael L. Scott
 February 1997 **Transactions on Computer Systems (TOCS)**, Volume 15 Iss
Publisher: ACM [Request Permissions](#)
Full text available: Pdf (682.20 KB) **Additional Information:** full citation, abstract, r
 review
Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 78, Citatio

Efficient synchronization is important for achieving good performance in on large-scale multiprocessors. Most synchronization algorithms have b
 dedicated machine, with one application process per ...

Keywords: barriers, busy-waiting, kernel-user interaction, locks, mutu
 scalability, scheduling, synchronization

- 3 **Variations, margins, and statistics**
 Patrick McGuinness
 April 2008 **ISPD '08: Proceedings of the 2008 international symposium on**
Publisher: ACM
Full text available: Pdf (283.76 KB) **Additional Information:** full citation, abstract, r
Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 134, Citatio

Design margining is used to account for design uncertainties in the mea
 thereby ensures that actual manufactured parts will operate in within pr
 and environmental variations become increasingly severe ...

Keywords: SSTA, design margins, process variations, yield

- 4 **Communications of the ACM: Volume 51 Issue 4**



April 2008 Communications of the ACM

Publisher: ACM

Full text available: Digital Edition , Pdf (4.24 MB) Additional Information: full citation

Bibliometrics: Downloads (6 Weeks): 447, Downloads (12 Months): 3020, Citations

5 Experience in using business scenarios to assess COTS component

Sharon Lymer, WenQian Liu, Steve Easterbrook

October 2005 **CASCON '05: Proceedings of the 2005 conference of the Canadian Collaborative research**

Publisher: IBM Press

Full text available: Pdf (2.99 MB) Additional Information: full citation, abstract, request permissions

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 79, Citations

Constructing software by integrating commercial off-the-shelf (COTS) components, particularly in the IT service industry. For vendors of COTS components this is particularly challenging. To continually improve ...

Keywords: business scenario, commercial-off-the-shelf (COTS), software

6 Interactive global illumination in dynamic scenes



Parag Toke, Fabio Pellacini, Bruce Walter, Donald P. Greenberg

July 2002 **SIGGRAPH '02: Proceedings of the 29th annual conference on interactive techniques**

Publisher: ACM Request Permissions

Full text available: Pdf (13.82 MB) Additional Information: full citation, abstract, request permissions

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 125, Citations

In this paper, we present a system for interactive computation of global illumination. Our system uses a novel scheme for caching the results of a high-quality ray tracer such as a bidirectional path tracer. The Shading Cache ...

Keywords: Monte Carlo techniques, illumination, parallel computing, rendering systems

Also published in:

July 2002 **Transactions on Graphics (TOG)** Volume 21 Issue 3

7 Approximate symbolic analysis of large analog integrated circuits

Qicheng Yu, Carl Sechen

November 1994 **ICCAD '94: Proceedings of the 1994 IEEE/ACM international conference on computer-aided design**

Publisher: IEEE Computer Society Press

Full text available: Pdf (906.10 KB) Additional Information: full citation, abstract, request permissions

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 25, Citations


This paper describes a unified approach to the approximate symbolic analysis of large analog circuits. It combines two new approximation-during-computation techniques: the classical two-graph tree enumeration method. The ...

The EO-1 Autonomous Science Agent

Steve Chien, Rob Sherwood, Daniel Tran, Benjamin Cichy, Gregg Habideau
 Davies, Rachel Lee, Dan Mandl, Stuart Frye, Bruce Trout, Jerry Hengemihik
 Shulman, Stephen Ungar, Thomas Brakke, Darrell Boyer, Jim Van Gaasbec
 Doggett, Victor Baker, James Dohm, Felipe Ip

July 2004 **AAMAS '04: Proceedings of the Third International Joint
 Agents and Multiagent Systems - Volume 1**, Volume 1

Publisher: IEEE Computer Society

Full text available:  Pdf (766.20 KB)

Additional Information: [full citation](#), [abstract](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 36, Citation

An Autonomous Science Agent is currently flying onboard the Earth Obs
 software enables the spacecraft to autonomously detect and respond to
 the Earth. The package includes software systems that perform ...

9 On bounding the delay of a critical path

 Leonard Lee, Li-C. Wang

November 2006 **ICCAD '06: Proceedings of the 2006 IEEE/ACM internation:
 aided design**

Publisher: ACM

Full text available:  Pdf (269.58 KB)

Additional Information: [full citation](#), [abstract](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 15, Citation


Process variations cause different behavior of timing-dependent effects
 work, we analyze one example of timing-dependent effects, cross-coupl
 complex problem space created by considering coupling ...

**10 VHDL-based design and design methodology for reusable high perf
 rency synthesizers**

 Ireneusz Janiszewski, Bernhard Hoppe, Hermann Meuth

June 2001 **DAC '01: Proceedings of the 38th conference on Design autom**

Publisher: ACM 

Full text available:  Pdf (226.11 KB)


Additional Information: [full citation](#), [abstract](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 50, Citation

Design methodologies for high performance Direct Digital Fre-quen--cy
 described. Traditional look-up tab-les (LUT) for sine and co-sine are me
 la--tion into a hybrid architecture. This implements DDFS-sys-tems ...


Keywords: CORDIC algorithm, HDL-based design, design optimization
 synthesis

11 Practical implementation of a network analyzer for analog BIST appli

 Manuel J. Barragán, Diego Vázquez, Adoración Rueda

March 2008 **DATE '08: Proceedings of the conference on Design, automatic**

Publisher: ACM

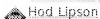
Full text available:  Pdf (581.02 KB)

Additional Information: [full citation](#), [abstract](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 28, Citation

This paper presents a practical implementation of a network analyzer for The network analyzer consists of a sinewave generator and a sinewave capacitor techniques. Both the generator and the evaluator ...

12 [Proceedings of the 9th annual conference on Genetic and evolutionary](#)



[Hod Lipson](#)

July 2007

GECCO '07: Proceedings of the 9th annual conference on Gene computation

Publisher: ACM

Additional Information: [full citation](#), [appendices and supplements](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations

These proceedings contain the papers presented at the *9th Annual Gene Computation Conference (GECCO-2007)*, held in London, UK, July 7-11. GECCO was held outside the US. This clearly proved ...

13 [ACM SIGSOFT Software Engineering Notes: Volume 29 Issue 5](#)



[September 2004 SIGSOFT Software Engineering Notes](#)

Publisher: ACM

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations

14 [Parallel test generation and execution with Korat](#)



[Sasa Misailovic, Aleksandar Milicevic, Nemanja Petrovic, Sarfraz Khurshid,](#)

September 2007

ESEC-FSE '07: Proceedings of the the 6th joint meeting of engineering conference and the ACM SIGSOFT symposium software engineering

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf \(310.19 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [appendices and supplements](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 140, Citations

We present novel algorithms for parallel testing of code that takes structural test inputs. The algorithms build on the Korat algorithm for constraint-based generate test inputs. Given an imperative predicate that ...

Keywords: Korat, bounded-exhaustive testing, parallel testing, test data

15 [Proceedings of the conference on Design, automation and test in Europe](#)

[Fudy Lauwereins, Jan Madsen](#)

April 2007

DATE '07: Proceedings of the conference on Design, automatic

Publisher: EDA Consortium

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations

Welcome to the DATE 07 Conference Proceedings. DATE combines the v systems design conference and Europe's leading international exhibition automation and test, from system level hardware and software implementation


16 [Designing and comparing automated test oracles for GUI-based soft](#)



[Qiang Xie, Atif M. Memon](#)

February 2007 **Transactions on Software Engineering and Methodology**

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (742.55 KB) **Additional Information:** [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 92, Downloads (12 Months): 507, Citations

Test designers widely believe that the overall effectiveness and cost of software testing is largely on the type and number of test cases executed on the software. A *test oracle*, a mechanism that determines whether ...

Keywords: GUI state, GUI testing, Test oracles, graphical user interface

17 [Recovering and using use-case-diagram-to-source-code traceability](#)

 Mark Grechanik, Kathryn S. McKinley, Dewayne E. Perry

September 2007 **ESEC-FSE '07: Proceedings of the the 6th joint meeting of the ACM SIGSOFT symposium on software engineering**

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (464.54 KB) **Additional Information:** [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 123, Citations

Use case diagrams (UCDs) are widely used to describe requirements on software products. However, UCDs are loosely linked to source code, and the source code and elements of UCDs is a manual, tedious, ...


Keywords: LeanArt, machine learning, program analysis, traceability

18 [Software unit test coverage and adequacy](#)

 Hong Zhu, Patrick A. V. Hall, John H. R. May

December 1997 **Computing Surveys (CSUR)**, Volume 29 Issue 4

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (477.42 KB) **Additional Information:** [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 114, Downloads (12 Months): 966, Citations

Objective measurement of test quality is one of the key issues in software testing research focus for the last two decades. Many test criteria have been proposed for this purpose. Various kinds of rationales have been ...


Keywords: comparing testing effectiveness, fault detection, software unit test coverage, testing methods

19 [Continuous program optimization: A case study](#)

 Thomas Kistler, Michael Franz

July 2003 **Transactions on Programming Languages and Systems (TOPLAS)**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (877.67 KB) **Additional Information:** [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 55, Downloads (12 Months): 191, Citations



Much of the software in everyday operation is not making optimal use of hardware. Among the reasons for this discrepancy are hardware/software modularization overheads introduced by software engineering considerations.

Keywords: Dynamic code generation, continuous program optimization

20 Reflective physical prototyping through integrated design, test, and deployment
Björn Hartmann, Scott R. Klemmer, Michael Bernstein, Leith Abdulla, Brandon Moshier, Jennifer Gee

October 2006 **UIST '06: Proceedings of the 19th annual ACM symposium on Ubiq**
technology

Publisher: ACM  [Request Permissions](#)

Full text available:  [Avi \(23:28 MIN\)](#),  [Pdf \(6.50 MB\)](#) **Additional Information:** [full citation](#)
[terms](#)

Bibliometrics: Downloads (6 Weeks): 307, Downloads (12 Months): 549, Citations

Prototyping is the pivotal activity that structures innovation, collaborative Prototypes embody design hypotheses and enable designers to test their thinking-by-doing activity foregrounds *iteration* ...

Keywords: design thinking, design tools, information appliances, integrated prototyping, toolkits

Result page: [1](#) [2](#) [3](#) [4](#) [5](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real](#)